WHAT IS CLAIMED IS:

1. An opening and closing apparatus adapted for opening and closing an opening and closing member pivotably attached to a vehicle body, the opening and closing apparatus comprising:

an output gear pivotably supported in a side of the vehicle body;

a rack meshed with the output gear, the rack being moved by a rotation of the output gear and so as to open and close the opening and closing member by moving the rack,

the rack including a first teeth portion and a second teeth portion, wherein the rack is meshed with the output gear at the first teeth portion when the opening and closing member is opened, and the rack is meshed with the output gear at the second teeth portion when the opening and closing member is closed, and

a clearance between a tooth surface of a tooth in the second teeth portion and a mating tooth of the output gear is larger than a clearance between a tooth surface of a tooth of the first teeth portion and a mating tooth of the output gear.

2. The opening and closing apparatus of a vehicular opening and closing member according to Claim 1, wherein a reference pitch line of the second teeth portion is shifted from a reference pitch line of the first teeth portion in a direction of being remote from the output gear.

3. The opening and closing apparatus according to Claim 1, wherein a tooth width of a tooth in the second teeth portion is smaller than a tooth width of a tooth in the first teeth portion.

4. An opening and closing apparatus adapted for opening and closing an opening and closing member pivotably attached to a vehicle body, the opening and closing apparatus comprising:

an output gear pivotably supported in a side of the vehicle body;

a rack meshed with the output gear, the rack being moved by a rotation of the output gear and so as to open and close the opening and closing member by moving the rack,

the rack including a first teeth portion and a second teeth portion wherein the rack is meshed with the output gear at the first teeth portion when the opening and closing member is opened, and the rack is meshed with the output gear at the second teeth portion when the opening and closing member is closed, and

a distance between opposing tooth surfaces in each adjacent teeth in the second teeth portion is larger than a distance between opposing tooth surfaces in each adjacent teeth in the first teeth portion.

5. The opening and closing apparatus of a vehicular opening and closing member according to Claim 4, wherein a reference pitch line of the second teeth portion is shifted from a reference pitch line of the first teeth portion thereof in a direction of being remote from the output gear.

6. The opening and closing apparatus of a vehicular opening and closing member according to Claim 4, wherein a tooth width of a tooth in the second teeth portion is smaller than a tooth width of a tooth in the first teeth portion.